adding at least the digit string as service reference information to the response message.

**11**. A method according to claim 1, wherein said service reference information is OSA-related information.

**12**. A method according to claim 1, wherein said service reference information is Parlay API-related information.

**13**. A method according to claim 1, wherein said IP telephony signalling protocol is SIP.

**14**. A method according to claim 1, wherein said IP telephony signalling protocol is H.323.

**15**. A method for providing a network node serving a called subscriber with CAMEL-related information in an IP-based system using SIP, wherein the method comprises the steps of:

routing a call to the network node via an entry point for the called subscriber;

generating a CAMEL call reference number for the call in the entry point;

adding at least the CAMEL call reference number and the address of the entry point as CAMEL-related information to the SIP INVITE message; and

sending the SIP INVITE message to the network node.

**16**. A method for providing a network node serving a called subscriber with CAMEL-related information in an IP-based system using SIP, wherein the method comprises the steps of:

routing a call to the network node via an entry point for the called subscriber;

generating a CAMEL call reference number for the call in the entry point;

coding the CAMEL call reference number and the address of the entry point in a digit string;

adding at least the digit string as CAMEL-related information to the SIP INVITE message; and

sending the SIP INVITE message to the network node.

**17**. A method for providing an IP-based system using SIP with CAMEL-related information, wherein the method comprises the steps of:

receiving a SIP INVITE message a network node serving a called subscriber from an entry point for the called subscriber;

generating a CAMEL call reference number for the call in the network node;

adding at least the CAMEL call reference number and the address of the network node as CAMEL-related information to a SIP response message acknowledging SIP INVITE message; and

sending the SIP response message to the entry point.

**18**. A method for providing an IP-based system using SIP with CAMEL-related information, wherein the method comprises the steps of:

receiving a SIP INVITE message a network node serving a called subscriber from an entry point for the called subscriber;

generating a CAMEL call reference number for the call in the network node;

coding the CAMEL call reference number and the address of the network node in a digit string;

adding the digit string as CAMEL-related information to a SIP response message acknowledging the SIP INVITE message; and

sending the SIP response message to the entry point.

**19**. A method according to any one of the preceding claims, wherein the CAMEL-related information is added to the header of the IP telephony signalling protocol message.

**20**. A method according to any one of the preceding claims 1 to 18, wherein the CAMEL-related information is added to the body of the SIP message.

**21**. A communications system providing IP telephony, comprising at least

user equipment;

a first network node; and

a second network node,

wherein

the first network node is arranged to add service reference information relating to a call made to the user equipment to an IP telephony signalling protocol message and to send the IP telephony signalling protocol message to the second network node; and

the second network node is arranged to separate the service reference information from the IP telephony signalling protocol message.

**22**. A communications system according to claim 21, wherein

the first network node is arranged to add its address as service reference information to the IP telephony signalling protocol message.

**23**. A communications system according to claim 21, wherein

the communications system provides a CAMEL service; and

the first network node is arranged to generate a CAMEL call reference number and to add at least the generated CAMEL call reference number as service reference information to the IP telephony signalling protocol message.

**24**. A communications system using SIP for IP telephony and providing a CAMEL service, comprising at least

user equipment;

a first network node; and

a second network node,

wherein

the first network node is arranged to add CAMEL-related information relating to a call made to the user equipment to a SIP message and to send the SIP message to the second network node; and

the second network node is arranged to separate the CAMEL-related information from the SIP message.